



Akademia Górniczo-Hutnicza
im. Stanisława Staszica w Krakowie

AGH University of Science
and Technology

AGH Beamer Theme

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²Second affiliation

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Part I

Examples



1 Basic elements



- 1 Basic elements
- 2 Mathematics



- 1 Basic elements
- 2 Mathematics
- 3 Computer Science

Itemize



- Item 1
- Item 2
- Item 3

Itemize



- Item 1
- Item 2
- Item 3

Uncovering one by one

- Item 1

Itemize



- Item 1
- Item 2
- Item 3

Uncovering one by one

- Item 1
- Item 2

Itemize



- Item 1
- Item 2
- Item 3

Uncovering one by one

- Item 1
- Item 2
- Item 3

Enumerate



- ① Item 1
- ② Item 2
- ③ Item 3

Enumerate



- ① Item 1
- ② Item 2
- ③ Item 3

Uncovering elements in turn with
simultaneous highlighting

① Item 1

Enumerate



- ① Item 1
- ② Item 2
- ③ Item 3

Uncovering elements in turn with simultaneous highlighting

- ① Item 1
- ② Item 2

Enumerate



- ① Item 1
- ② Item 2
- ③ Item 3

Uncovering elements in turn with simultaneous highlighting

- ① Item 1
- ② Item 2
- ③ Item 3

Basic blocks



Definition

A **set** consists of elements.

Example

The set $\{1, 2, 3, 5\}$ has four elements.

Wrong Theorem

$1 = 2$.

Math environments



Theorems

Theorem (Pythagorean)

$$a^2 + b^2 = c^2$$

...

Definition

...

Proofs

Proof.

...



Dynamic mathematical formula



$$\binom{n}{k} =$$

Dynamic mathematical formula



$$\binom{n}{k} = \frac{n!}{k!(n-k)!}$$

Using the 'listings' environment



```
1 /* The first program in C++ */
```

Using the 'listings' environment



```
1  /* The first program in C++ */  
   #include <iostream>
```

Using the 'listings' environment



```
1  /* The first program in C++ */  
   #include <iostream>  
3  using namespace std;
```

Using the 'listings' environment



```
1  /* The first program in C++ */  
   #include <iostream>  
3  using namespace std;  
   void main()  
5  {  
  
7  }
```

Using the 'listings' environment



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1  /* The first  program in C++ */  
   #include <iostream>  
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Using the 'listings' environment



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1  /* The first program in C++ */  
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    cout << " Hello World!"  
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Using the 'listings' environment



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Using the 'minted' environment



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Using the 'minted' environment



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Using the 'minted' environment



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Using the 'minted' environment



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Using the 'minted' environment



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Using the 'minted' environment



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7  }
```


Part II

Appendix

Bibliography I



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L^AT_EX/Source Code Listings

https://en.wikibooks.org/wiki/LaTeX/Source_Code_Listings



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Bibliography II



Author

Title of the article

Editor, year

Notes



Author

Title of the article

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Title of the article

Editor, year

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Bibliography III



[Polak98] Author
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